P.S.C. MO. No.	7	First		Original	Sheet No.	39J
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Cancelling P.S.C. MO. No.	7	Original		Original Revised	Sheet No	39J
			<b>-</b>	For Missouri	Retail Service	Area

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DATE OF ISSUE:

ISSUED BY:

March 15, 2003

William H. Downey

President

DATE EFFECTIVE:

April 15, 2003

1201 Walnut, Kansas City, Mo. 64106\_

P.S.C. MO. No.	 First	Original Revised	Sheet No	39K
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		 For Missouri	Retail Service	Area

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			 For Missouri	Retail Service	Area

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President

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1201 Walnut, Kansas City, Mo. 64106

Page 153 of 230 to KCP&L Tariff 7, Exhibit C of Direct Testimony of Jeffrey G. Flathman

P.S.C. MO. No.	7	First		Original	Sheet No	39M
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				For Missouri	Retail Service	Area

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			For <u>Missouri</u>	Retail Service	Area

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		For <u>Missouri</u>	Retail Service	e Area

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			_	For Misso	uri Retail Servic	e Area

### NET METERING FOR RENEWABLE FUEL SOURCES Schedule NMRF

#### **DEFINITIONS:**

#### Customer-generator:

The owner of a qualified electric energy generation unit which:

- (a) Is powered by a renewable energy resource;
- (b) Has an electrical generating system with a capacity of not more than one hundred kilowatts; Public Education (schools) electrical generating systems with a capacity less than or equal to 1 megawatt shall be allowed, contingent on meeting all other criteria as set out in this tariff.
- (c) Is located on a premises owned, operated, leased, or otherwise controlled by the customergenerator;
- (d) Is interconnected and operates in parallel phase and synchronization with the Company;
- (e) Is intended primarily to offset part or all of the customer-generator's own electrical energy requirements:
- (f) Meets all applicable safety, performance, interconnection, and reliability standards established by the National Electrical Code, the National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories, the Federal Energy Regulatory Commission, and any local governing authorities; and
- (g) Contains a mechanism that automatically disables the unit and interrupts the flow of electricity back onto the supplier's electricity lines in the event that service to the customer-generator is interrupted.

#### Renewable energy resources:

Electrical energy produced from wind, solar thermal sources, hydroelectric sources, photovoltaic cells and panels, fuel cells using hydrogen produced by one of the above-named electrical energy sources, and other sources of energy that become available, and are certified as renewable by the Missouri Department of Natural Resources.

#### **AVAILABILITY:**

Electric service is available under this schedule at points on the Company's existing distribution facilities located within its service area for customers operating renewable fuel source generators. The net metering service shall be available to customer-generators on a first-come, first-serve basis until the total rated generating capacity of net metering systems equals 5% of the Company's single-hour peak load during the previous year. Resale electric service will not be supplied under this schedule.

#### **APPLICABILITY:**

Applicable to customer-generators with a Company approved interconnection agreement. This schedule is not applicable where the Customer's electrical generating system exceeds 100 kW. Public Education (schools) electrical generating systems with a capacity less than or equal to 1 megawatt shall be allowed, contingent on meeting all other criteria as set out in this tariff.

#### CHARACTER OF SERVICE:

Alternating current, 60 cycles, at the voltage and phase of the Company's established secondary distribution system immediately adjacent to the service location.

DATE OF ISSUE: February 11, 2008

DATE EFFECTIVE:

March 15, 2008

ISSUED BY:

Chris Giles, Vice-President

1201 Walnut, Kansas City, Mo. 64106

FILED
Missouri Public
Service Commission

EE-2008-0260



P.S.C. MO. No.	7	Fourth		Original	Sheet No.	40A
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				Revised		
				For Misso	ouri Retail Servic	e Area

# NET METERING FOR RENEWABLE FUEL RESOURCES Schedule NMRF (continued)

#### **BILLING AND PAYMENT:**

The Company shall render a bill for net consumption at approximately 30-day intervals. Net consumption is defined as the kWh supplied by the Company to the customer-generator minus kWh supplied by the customer-generator and returned to the Company's grid during the billing month. Any net consumption shall be valued monthly as follows:

To the extent the net consumption is positive (i.e. customer-generator took more kWh from the Company during the month than customer-generator produced), the eligible customer-generator will be billed in accordance with the customer-generator's otherwise applicable standard rate for Customer Charges, Demand Charges, and Energy Charges (for the net consumption).

To the extent the net consumption is negative (i.e. customer-generator produced more kWh during the month than the Company supplied), the customer-generator will be credited in accordance with the Company's Parallel Generation Contract Service, Schedule PG (Sheet No. 31A). The Commission has approved Company's use of rates applicable to Parallel Generation Contract Service (Sheet No. 31A) in lieu of the Avoided Fuel Cost, consistent with the Commission's Order in Case No. EX-2008-0280. Company's Avoided Fuel Cost as defined in 4 CSR 240-20.065 is not applicable to net metering customers but is submitted to Staff annually within thirty (30) days after Company's annual report is submitted. With the exception of the Energy Charge, all other applicable standard rate charges shall apply.

To the extent the net consumption is zero (i.e. customer-generator produced the same kWh during the month as supplied by the Company), the customer generator will be Minimum billed in accordance with the eligible customer-generator's otherwise applicable standard rate.

#### **TERMS AND CONDITIONS:**

- 1. The Company will supply, own and maintain all necessary meters and associated equipment utilized for billing at its expense. In addition, and for purposes of monitoring Customer generation and load, the Company may install at its expense, load research metering. The Customer shall supply, at no expense to the Company, a suitable location for meters and associated equipment used for billing and for load research. Such equipment shall be accessible at all times to utility personnel.
- 2. The Company shall have the right to require the Customer, at certain times and as electric operating conditions warrant, to limit the production of electrical energy from the generating facility to an amount no greater than the load at the Customer's facility of which the generating facility is a part.
- 3. The Customer shall furnish, install, operate and maintain in good order and repair without cost to the Company such relays, locks and seals, breakers, automatic synchronizers, disconnecting devices, and other control and protective devices as required by the NEC, NESC, IEEE or UL as being required as suitable for the operation of the generator in parallel with the Company's system.

DATE OF ISSUE: June 10, 2011 DATE EFFECTIVE: July 11, 2011

ISSUED BY: Darrin R. Ives, Senior. Director

Kansas City, Mo.
FILED
Missouri Public
Service Commission
JE-2011-0623



P.S.C. MO. No.	7	Second		Original	Sheet No.	40B	
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				For _	Missouri Retail Servic	e Area	
NET METERING FOR RENEWABLE FUEL RESOURCES							

## NET METERING FOR RENEWABLE FUEL RESOURCES Schedule NMRF (continued)

#### TERMS AND CONDITIONS: (continued)

- 4. The disconnect switch shall be under the exclusive control of the Company. This manual switch must have the capability to be locked out by Company personnel to isolate the Company's facilities in the event of an electrical outage on the Company's transmission and distribution facilities serving the Customer. This isolating device shall also serve as a means of isolation for the Customer's equipment during any customer maintenance activities, routine outages or emergencies. The Company shall give notice to the Customer before a manual switch is locked or an isolating device used, if possible; and otherwise shall give notice as soon as practicable after locking or isolating the Customer's facilities.
- 5. The Customer may be required to reimburse the Company for any equipment or facilities required solely as a result of the installation by the Customer of generation in parallel with the Company's Service. This requirement is limited to equipment or facilities installed by the Company in excess of those required of the Company by the NEC, NESC, IEEE or UL.
- The Customer shall notify the Company prior to the initial energizing and start-up testing of the Customer-owned generator, and the Company shall have the right to have a representative present at said test.
- 7. If harmonics, voltage fluctuations, or other disruptive problems on the utility's system are directly attributable to the operation of the Customer's system, such problem(s) shall be corrected at the Customer's expense.
- 8. No Customer's generating system shall damage the Company's system or equipment or present an undue hazard to Company personnel.
- The Company requires a contract for conditions related to technical and safety aspects of parallel generation.
- Service under this schedule is subject to the Company's Rules and Regulations on file with the State Regulatory Commission and any subsequently approved and in effect during the term of this service.

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ISSUED BY:

February 11, 2008

Chris Giles, Vice-President

DATE EFFECTIVE:

March 15, 2008

1201 Walnut, Kansas City, Mo. 64106

EE-2008-0260

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Missouri Public
Service Commission

P.S.C. MO. No.	 First	Original Revised	Sheet No	40C
Cancelling P.S.C. MO. No.	 Original	Original Revised	Sheet No.	40C
	 	 For Missouri	Retail Service	Area

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ISSUED BY: Wil

William H. Downey President

DATE EFFECTIVE:

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			For Missouri	Retail Service	Area

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March 15, 2003

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William H. Downey

President

DATE EFFECTIVE: A

April 15, 2003

EXHIBIT C

#### KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No.	7	First		Original Revised	Sheet No	40E
Cancelling P.S.C. MO. No.	7	Original	$\square$	Original Revised	Sheet No	40E
				For Missouri	Retail Service	Area

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				For Missouri	Retail Service	e Area

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			For <u>Missouri</u>	Retail Service	Area

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				For Missouri	Retail Service	Area

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March 15, 2003

ISSUED BY:

William H. Downey

President

DATE EFFECTIVE: April 15, 2003

	CITY P	POWER & LIGHT COMPANY uing Corporation or Municipality	For Missouri Retail Service Area Community, Town or City
			Missouri Public Sorvigo Gemmiocian
		URBAN CORE DEVE Schedul	APAIR AAT AA
PURF	POSE:	•	
	within the no	that portion of the Company's service	industrial and commercial businesses to develop territory which is bounded by the Missouri River on east, and State Line Road on the west. The area is the "Urban Core Development Area".
AVAI	LABILIT	<b>Y</b> :	
	gover		ilable in conjunction with local, regional, and state vities where incentives have been offered and in the Urban Core Development Area.
	This F	Rider is available:	
	A.	permanent full-time job positions wi purpose of this Rider, a new facility s	v facility and effect and maintain two (2) or more thin the Urban Core Development Area. For the shall also be defined as an existing facility within the thas not received electric service within the last
	В.	and effect and maintain the addition within the Urban Core Developmen such expanded or rehabilitated facil	facilities, or locate in rehabilitated existing facilities of two (2) or more permanent full-time job positions at Area, and where the amount of expenditure for ities shall be not less than ten (10) percent of the assessed value of such existing facilities.
	C.	within the Urban Core Developmen such expansion or rehabilitation of	facilities, or locate in rehabilitated existing facilities at Area, and where the amount of expenditure for facilities shall be not less than twenty-five (25) pre-rehabilitation assessed value of such existing
			Missouri Public Sorvice Commission
	,		FILED NOV 1 0 1998

ISSUED BY J. S. Latz Senior Vice President 1201 Walnut, Kansas City, Mo.

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FORM NO. 13	P. S. C. MO. No. 7	First {	Original }	SHEET No.41A
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KANSAS CITY POWE	R & LIGHT COMPANY	For Missouri	Retail Serv	ice Area
Name of Issuing Co	orporation or Municipality	(Sc	Missot Ado C	iří Públic

# URBAN CORE DEVELOPMENT RIDER RECTO OCT 0 8 1998 Schedule UCD (continued)

#### AVAILABILITY: (continued)

This Rider is available only to those Customers currently served or otherwise qualified for service under the Company's SGS, MGS, LGS, LPS, SGA, MGA, and LGA schedules, including those Customers selling or providing goods and services directly to the public.

Electric service under this Rider is also available in conjunction with other applicable riders with the exception of Economic Development Rider, Schedule EDR. Customer cannot qualify for both the Urban Core Development Rider and the Economic Development Rider, Schedule EDR for the same project.

#### APPLICABILITY:

Customer must complete a written application for service under this Rider within the availability period and supply detailed information prior to making a decision regarding its location in new facilities or its expanded or rehabilitated facilities.

The Company will review and must approve, on an individual project basis, the development plans of the construction, rehabilitation, or expansion of Customer's facilities to determine the qualification of Customer's projects under the provisions of this Rider. In addition the Company will assess the availability of its distribution facilities in the area of the proposed project. These facilities must have at least 30% of their capacity available in order for the proposed project to be considered for this Rider. Documentation of the Company's review will be retained for a period of five years.

Once a Customer has qualified for the incentive provisions of this Rider for an approved project, and subsequently moves or transfers this project to another location within the Urban Core Development Area, only the remaining eligible incentive provisions of the initial project, subject to 30% capacity availability, may be transferred to the moved or transferred project. No new incentive provisions will be available.

Missouri Public Sorvico Commission

FILED NOV 1 0 1998

	October 8, 19	98			No	November 10,		
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ISSUED BY	J. S. Latz		Senior Vid	e President			s City, Mo.	

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FORM NO. 13	P. S. C. MO. No7	First	{ Original } SHEET No. 41B			
Car	ocelling P. S. C. MO. No. 7					
KANSAS CITY POWER & LIGHT COMPANY  Name of Issuing Corporation or Municipality		For Missouri Retail Service Area  Community, Town or City				
		<u>\$</u> ö	Missouri Public rviec Commiccion			

# URBAN CORE DEVELOPMENT RIDER ECT 0 8 1998 (continued)

#### APPLICABILITY: (continued)

The Company will examine each application for service under this Rider. The incentive provisions for each individual Customer's project will not exceed the annual Urban Core Development Rider incentive associated with a Customer served on the Company's SGS, MGS, LGS, LPS, SGA, MGA, or LGA schedules and whose annual peak demand and load factor are 240 kW and 50%, respectively.

Service under this Rider shall be evidenced by a contract, as shown on Sheet 41C and 41D, between the Customer and the Company. All such contracts shall be furnished to the Commission Staff and the Office of the Public Counsel, and shall be subject to the Commission's jurisdiction. The terms and conditions of these contracts shall not bind the Commission for ratemaking purposes.

#### **INCENTIVE PROVISIONS:**

#### Revenue Determination:

The pre-tax revenues under this Rider from electric service to Customers' facilities qualifying under paragraphs A and B of the Availability section of this Rider shall be determined by reducing otherwise applicable charges associated with the applicable commercial or industrial rate schedules by 25% during the first contract year, 20% during the second contract year, 15% during the third contract year, 10% during the fourth contract year, and 5% during the fifth contract year. After the fifth contract year, this incentive provision shall cease. All other billing, operational and related provisions of the aforementioned rate schedules shall remain in effect.

The pre-tax revenues under this Rider from electric service to Customers' facilities qualifying under paragraph C of the Availability section of this Rider shall be determined by reducing otherwise applicable charges associated with the commercial or industrial rate schedules by 10% per year during a five year contract period. After the fifth contract year, this incentive provision shall cease. All other billing, operational and related provisions of the aforementioned rate schedules shall remain in effect.

#### **TERMINATION:**

Failure of the Customer to meet any of the availability/applicability criteria of this Rider used to qualify the Customer for acceptance on the Rider within two (2) years of the date service under this Rider begins, or failure of the Customer to comply with the job position criteria (if applicable) at all times during the third through fifth contract years, may lead to termination of service under this Rider. If service is not terminated, the Company will maintain adequate documentation as to why service was not terminated.

FILED NOV 1 0 1998

	October 8, 19	98			N	ovember 1	0, 1998
DATE OF ISSUE	month	day	year	DATE EFFECTIVE	month	day	year
ISSUED BY	J. S. Latz		Senior Vi	ice President	1201 W	alnut, Kansas	s City, Mo.

KANSAS CITY	POWER &	LIGHT COM	PANY				
P.S.C. MO. No.	<u> </u>	Second			ginal vised	Sheet No.	41C
Cancelling P.S.C. MO. N	No7	First		_ `	ginal vised	Sheet No.	41C
				For	Miss	ouri Retail Servic	e Area
	UF	RBAN CORE DEVI Schedule		DER	101	(continued)	
	ı	FORM OF CONTR	ACT				
This Agreement is entere (Company) and	ed into as of this	day of, 1 mer).	9_, by and bet	ween Ka	ansas Ci	ty Power & Light	Company
WITNESSETH:							
Whereas, Comp certain Urban Core Deve		with the Public Ser tider, and;	vice Commissi	on of the	e State o	f Missouri (Comr	nission) a
Whereas, Custo or has acquired additiona		ustomer, a Custom the Urban Core D				panded an existir	ng facility,
Whereas, Custo rehabilitated, or expando Development Area Ride	ed facilities (Fac	shed sufficient info cilities) satisfy the <i>i</i>					
Whereas, Custo electric service to the Co of the tariff of the Compa	ustomer under th	ake electric service he Urban Core Dev					
The Company and Custo	omer agree as fo	ollows:					
1. Service	to the Custom	er's Facilities loca	ted at (addres	ss)			, shall
be pursuant to the Urba General Rules and Reg Commission.	an Core Develop	ment Area Rider,	all other provis	ions of	the Com	pany's rate sche	dules and
2. Custom shall nevertheless inure		wiedges that this and be binding upo					
3. Custom whether the Customer is Company, and shall be from time to time. Shot shall notify Customer cagreement or Commissi	s eligible for sen subject to inspec uld the Custome of any request f	ction and disclosurer or designate any of for inspection or d	an Core Develo e under Chapte such informati isclosure, and	opment ers 386 on as p shall u	Area Rid and 393, roprietan se good	ler shall be retain RSMo 1986, as y or confidential, faith efforts to s	ned by the amended Company
DATE OF ISSUE:	March 15, 2003		DATE EF			pril 15, 2003	
ISSUED BY:	William H. Dow President	ney	120	1 Walni	ut, Kansa	as City, Mo. 6410	)6

	VER & LIGHT CON	ity	Se	ri Retail Service Community, Tow Missouri DIVICO CON	Public nmission
	——————————————————————————————————————	Schedule	OPMENT RIDER ( UCD		8 1998 (continued)
	·	FORM OF COM	NTRACT	(Continued)	
(regardless of cor they may exist fro to divest, the Cor	This Agreement shandlict of law provision m time to time. Not mission of any right	ns), and by the ord hing contained heles, jurisdiction, pow	ders, rules and reg rein shall be constr ver or authority vest	julations of the Co rued as divesting, ted to it by law.	ommission as or attempting
	of, the parties have s		ent as of the date f	first above written	• .
KANSAS CITT PO	OWER & LIGHT CC	MPANT			
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FORM NO. 13 P. S. C. M	10. No7	Original SHEET No42
Cancelling P. S. C. N	40. No. 6 All previous sheets	{ Original   SHEET No
KANSAS CITY POWER & LIGHT	COMPANY For Mis	souri Retail Service Area
Name of lesuing Corporation or Mun		Community, Town or City

### RECEIVED

### PROMOTIONAL PRACTICES GENERAL

JUL 5 1996

#### 1.0 ELECTRIC TECHNOLOGIES:

MISSOURI Public Service Commission

Kansas City Power & Light Company will promote the installation and use of electric technologies by all customers throughout the year in order to help customers realize the overall benefits of the various electric technologies available.

#### THE COMPANY WILL:

- Enlist the support of manufactures, equipment dealers, electricians, distributors and related sales allies to provide and install electric technologies.
- 2. Advertise benefits of electricity through various media throughout the year.
- 3. During special programs KCPL ads may include listing of participating sales allies.
- In a limited way share in the cost of dealer equipment advertising during special campaigns with KCPL participation limited to 50% of the cost when KCPL is identified as a participant in the ad.
- 5. Offer to include dealer advertising as a part of KCPL ads if the dealer pays for the extra cost.
- Supply copies of Company ads for use by sales allies relieving them of preparation costs and allowing them to tie in with KCPL's effort for maximum effectiveness.
- Hold meetings with participating sales allies to enlist support, explain KCPL promotions, train and educate personnel.
- Provide training for customers in electric technologies and energy efficiency.
- Use appropriate monitoring devices to allow for the evaluation of electric technology programs.
- 10. Participate with other utilities, manufacturers, distributors and contractors in advertising campaign focusing on awards presented to customers, designers, and contractors who install efficient lighting in new or remodeled buildings. Advertising or publicity costs including awards not to exceed 50% of the total cost.

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DATE OF ISSUE	July 5, 1996	******		DATE EFFECTIVE .	Jul	y 9, 19 <del>9</del> 6	
	month	day	усаг		month	day	year
ISSUED BY	S. W. Cattron		Vice Pr	esident	1201 W	alnut, Kense	s City, Mo.
	name of officer		tit	la .		address	

	CITY POWER & LIGHT COMPANY  ame of lesuing Corporation or Municipality  For Missouri Retail Service Area  Community, Town or City
	PROMOTIONAL PRACTICES PROGRAMS  JUL 5 1996
1.0	MISSOURI ENERGY EFFICIENT NEW HOME PROMOTION: Public Service Commiss
	Kansas City Power & Light Company will promote energy conservation and load management in new Residential home construction through a continuing program designed to help residential customers better manage their energy usage. This program is available uniformly throughout the Residential class.
	Standards will be developed for many phases of home construction including insulation, window and doors, proper attic ventilation, more efficient heating systems, high efficiency air conditioning duct work, hot water systems, lighting and efficient appliances.
	These standards will be promoted through appropriate consumer advertising and with builders equipment manufacturers and dealers, contractors, real estate agents and lending agencies. Homes will be inspected to a degree necessary to insure that builders and sub-contractors meet the standards. Homes which meet these standards will be registered as energy efficient home and the builder will be provided with a certificate of compliance and an identifying emblem to attach to the house so customers will recognize the homes as one which meets energy efficient standards.
	ZII PN
	FILED  JUL 9 1996 9 4 - 1 9 9  MO. PUBLIC SERVICE

1201 Walnut, Kanses City, Mo.

ISSUED BY S. W. Cattron Vice President

name of afficer title

N:	ame of Issuing Corporation or Municipality		Retail Service Area Community, Town or City
		AL PRACTICES GRAMS	JUL 5(c <b>1891)</b> fined)
2.0	ENERGY WISE PROMOTION:		MISSOURI Public Service Commiss
	Kansas City Power & Light Company will pro existing Residential homes and Commercial designed to help residential and commercial program is available uniformly throughout the	ial establishments thr customers better mana	ough a continuing program age their energy usage. This
	Standards will be developed for many phase doors, proper attic ventilation, more efficient h work, hot water systems, lighting, efficient app	eating systems, high e	
	These standards will be promoted through a equipment manufacturers and dealers, contra		
	Residential homes will be inspected to a discontractors meet the standards. Resident registered as energy efficient homes and compliance and an identifying emblem to at homes as one which meets energy efficient standards.	itial homes which me the builder will be p tach to the house so	eet these standards will be rovided with a certificate of
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			JUL 9 1996 9 4 - 1 9 9 MO.PUBLIC SERVICE COM

Vice President 1201 Walnut, Kansas City, Mo.

ISSUED BY S. W. Cattron name of officer

		PROMOTIONAL PRACTICE PROGRAMS	S	(continued)
				For Missouri Retail Service Area
Cancelling P.S.C. MO. No.	7			Original Sheet No. 43B Revised
P.S.C. MO. No.		First		Original Sheet No. 43B Revised

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DATE OF ISSUE:

March 16, 2009

ISSUED BY:

Chris Giles Vice President DATE EFFECTIVE:

April 15, 2009

1201 Walnut, Kansas City, Mo. 64106

FILED Missouri Public Service Commission JE-2009-0657

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Cancelling P.S.C. MO. No.	7			Original Revised	Sheet No.	43C
				For Mis	souri Retail Servic	e Area

## PROMOTIONAL PRACTICES PROGRAMS

(continued)

#### 4.0 COMPANY EMPLOYEE MERCHANDISE & EQUIPMENT PURCHASE PROGRAM (FROZEN):

This tariff is no longer available to employees.

Kansas City Power & Light Company will facilitate the purchase of electric technologies by its active and retired employees for the purpose of:

- 1) Providing an employee benefit program.
- 2) Promoting the installation and use of electric technologies.

#### THE COMPANY WILL:

- Establish sources to obtain dealer prices on electrical appliances, computers and heating ventilating and air conditioning equipment.
- Arrange for cash purchase or finance the equipment at no cost utilizing payroll deductions for active employees and monthly billing for retired employees. The maximum length of finance periods to be:
  - a. Appliances 3 years
  - b. Computers 3 years
  - c. HVAC Equipment 5 years
- 3. Make available to all active and retired employees who purchase a high efficiency (as defined by the National Energy Act) heat pump up to \$100 per ton to offset the purchase price. This is only available for units installed at the employee's primary residence.
- 4. Credit Limits and Transaction Fees.

		YEARS OF <u>0-10</u>	<u>Fee</u>	
a.	Appliance -	\$1,200	\$2,500	5% up to \$115
b.	Computers -	2,300	3,000	5% up to \$115
c.	HVAC Equipment -	10,000	10,000	5% up to \$115

The transaction fee for cash purchases will be 5% up to a maximum of \$25.00.

The transaction fee will be waived for HVAC equipment purchases with a SEER rating at least one step above the minimum governmental standards.

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ISSUED BY:

Curtis D. Blanc, Sr. Director

1201 Walnut, Kansas City, Mo. 64106

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Cancelling P.S.C. MO. No.	7		🛛	Original Revised	Sheet No.	43D
				For Misso	uri Retail Servio	e Area
PROMOTIONAL PRACTICES						

## **PROGRAMS**

(continued)

#### 5.0 COMMERCIAL AND INDUSTRIAL FINANCING:

Kansas City Power & Light Company (KCP&L) may arrange financing of various energy efficient technologies for credit qualified Commercial and Industrial customers. Items that can be financed for new or retrofit construction include:

- a. High efficient lighting systems.
- b. Electric heating and cooling equipment.
- c. Energy management control systems.
- d. Electric process heating equipment.
- e. Electric water heating and cooking equipment.
- f. Other high efficiency or demand reducing technologies.
- g. Related installation costs including wiring, piping, duct work and extended warranties.
- 1. Equipment financed must exceed the American Society of Heating, Refrigerating and Air-conditioning Engineers, Inc. ("ASHRAE") minimum-efficiency requirements in effect at the time of financing.
- 2. Company may put interested customers in contact with lending organization(s) that have funds available.
- 3. The lending organization will apply its usual and customary underwriting and credit due diligence standards in considering loan applications. The customer will apply for the loan directly with the lending organization. Each customer will be notified in writing by the lending organization if the loan is accepted or denied. Company will not be involved in determining eligibility for loans.
- 4. All terms and conditions of the loan, including but not limited to, interest rate, term, collateral, repayment provisions, representations and warranties of the customer, financial reporting and covenants, and defaults and remedies shall be negotiated between the lending organization and the customer.
- 5. The revenue and expenses associated with the operation of this plan shall be subject to Commission review in all general rate proceedings.

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Chris Giles Vice President DATE EFFECTIVE:

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1201 Walnut, Kansas City, Mo. 64106 FILED

Missouri Public Service Commission JE-2009-0657

#### EXHIBIT C KANSAS CITY POWER & LIGHT COMPANY P.S.C. MO. No. Fourth Original 43E 7 Sheet No. $\boxtimes$ Revised Canceling P.S.C. MO. No. 7 Third Original Sheet No. 43E $\boxtimes$ Revised Missouri Retail Service For Area LIGHTING THE FUTURE Schedule LTF APPLICATION: The Lighting the Future Program (Program) is designed to encourage the replacement of less efficient, energy consuming bulbs by educating Customers on the benefits of such and providing incentives toward the purchase of Energy Star® compact fluorescent light (CFL) bulbs or other qualifying lighting technologies that become commercially available. The Company's participation in the Program is set forth in Appendix C of the Stipulation and Agreement approved by the Missouri Public Service Commission, Case Number EO-2005-0329. **DEFINITIONS:** Administrator – A third party responsible for administering the markdown or buy down portion of the Program. Agreement - Refers to Company's "agreement" with the selected Administrator or Program Partners that details the use of Program funds, availability of CFL bulbs to Program participants, and each party's responsibilities. Participant – Any residential customer served under Company's electric Service Classification. Retailer - Any retailer located in Missouri which has agreed to sell CFL bulbs in the Program. Program Partner – A selected retailer, distributor, or manufacturer of Energy Star® qualified products who has met the Company's qualifications and executed the necessary Agreements with the Company. **AVAILABILITY:** The Program is available to any of the Company's Missouri residential electric customers. Residential customers may participate in this program by purchasing the Energy Star® qualified products from participating retailers. **PROGRAM PROCESS:** The Program will consist of three parts: 1. Markdown/buy downs: The Company will select a Program Partner(s) to offer customers discounted bulbs through a markdown or buy down sales approach. The selling price for qualifying products will be reduced (markdown) or discounted upon purchase (buy down). Program partners will advertise at the retailer that the qualifying product is rebated by the Company (e.g., point-of-purchase marketing such as shelf tags, in-store signage, etc.) Marketing will include advertising, bill inserts, and/or instore point of purchase materials.

- 2. Targeted Door to Door Delivery: The Company will select a Program Partner(s) to offer a door to door distribution of CFLs to targeted customers. The recyclable delivery bag may include a CFL, information on other KCP&L energy efficiency programs and general energy efficiency educational materials. Targeted customers may include those that the Company expects to receive the most benefit, such as Customers served in rental properties or Customers located in outlying rural areas that are not as likely to participate in the markdown/buy down approach.
- General Distribution and Consumer Education: Throughout the year, the Company will distribute and promote the benefits of CFL bulbs to Customers at informational sessions or presentations. Participating Customers will be recorded by the Company.

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Curtis D. Blanc, Sr. Director

1201 Walnut, Kansas City, Mo. 64106

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#### EXHIBIT C KANSAS CITY POWER & LIGHT COMPANY P.S.C. MO. No. 7 First Original Sheet No. 43E.1 $\boxtimes$ Revised Canceling P.S.C. MO. No. $\boxtimes$ Original 7 Sheet No. 43E.1 Revised Missouri Retail Service For Area LIGHTING THE FUTURE (continued) Schedule LTF PROGRAM ADMINISTRATION: The markdown/buy down and targeted door to door delivery portions of the Program will be administered by selected vendor(s). The general distribution and consumer education portion of the program will be administered by the Company. **TERM OF PROGRAM:** The Program term of the markdown/buy down portion of the program is scheduled to occur from October through December and the targeted door to door delivery and general distribution is year round. The Program will continue until December 2009, or when the Program's funds are depleted, pursuant to the Agreement, whichever occurs first.

#### PROGRAM COST:

The year 2009 is the final year of the Program, which was previously named Change A Light. The total remaining budget in the Program is estimated to be \$148,279.

This amount will provide for buy down/mark down payments, marketing costs, and/or Company administrative costs.

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				For Misso	ouri Retail Servic	e Area

# RESIDENTIAL, SMALL AND MEDIUM GENERAL SERVICE AIR CONDITIONER CYCLING RIDER ENERGY OPTIMIZER PROGRAM Schedule ACC

#### PURPOSE:

The voluntary Energy Optimizer Program is intended to help reduce system peak load and thus defer the need for additional capacity. The Program accomplishes this by cycling the Participants' air conditioning unit temporarily in a Company coordinated effort to limit overall system peak load. This Program is set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

#### **AVAILABILITY:**

The Energy Optimizer Program is available to any Customer currently receiving or requesting service under any residential, small general service or medium general service rate schedule. Customers must also have adequate paging and/or radio coverage and have a working, central air conditioning system of suitable size and technology to be controlled by the programmable thermostat. Other appliances such as pool pumps or electric hot water heaters may be controlled with Participant's permission. Residential property owner's (owner occupant or landlord for a rental property) permission is required to participate. Commercial property owner's permission may be required for a tenant to participate. The Company may limit the number of participants based on available Program budget or market saturation.

#### CONTROLS AND INCENTIVES:

Participants will receive a programmable thermostat that can be controlled via radio signals sent to the unit by the Company or its assignees. During a curtailment event, the Company or its assignee will send a radio signal to the thermostat that will cycle the Participants air conditioner and any other equipment. Participants may use the programmable thermostat throughout the year to improve heating and cooling efficiency. Company supplied control devices may be substituted for the programmable thermostat.

#### CYCLING METHODS:

The Company may elect to cycle Participant's air conditioner units either by raising the thermostat setting, or by directly cycling the compressor unit.

#### NOTIFICATION:

The Company will notify Participant's of a curtailment event via a website and/or on the thermostat. The notification can occur prior to or at the start of a curtailment event.

#### **CURTAILMENT SEASON:**

The Curtailment Season will extend from June 1 to September 30.

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ISSUED BY:

Chris Giles Vice-President 1201 Walnut, Kansas City, Mo. 64106

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Missouri Public
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Cancelling P.S.C. MO. No.	 :	Original Revised	Sheet No	43G
		For Miss	ouri Retail Servic	e Area

# RESIDENTIAL, SMALL AND MEDIUM GENERAL SERVICE AIR CONDITIONER CYCLING RIDER ENERGY OPTIMIZER PROGRAM Schedule ACC (Continued)

#### **CURTAILMENT LIMITS:**

The Company may call a curtailment event any weekday, Monday through Friday, excluding Independence Day and Labor Day, or any day officially designated as such. A curtailment event occurs whenever the thermostat is being controlled by the Company. The Company may call a maximum of one curtailment event per day lasting no longer than four (4) hours per Participant. The Company is not required to curtail all Participants simultaneously and may stagger curtailment events across participating Participants.

#### **CURTAILMENT OPT OUT PROVISION:**

A Participant may opt out of one air conditioning cycling curtailment event each month during the Curtailment Season by notifying the Company at any time prior to or during a curtailment event. Notification must be communicated to the Company by using the Company's website (<a href="www.kcpl.com">www.kcpl.com</a>) or by calling the Company at the telephone number provided with the air conditioner cycling agreement. If a curtailment event does not occur on the day the Participant requested to opt out, the Participant is not considered as having used their once-per-month opt out provision.

#### **NEED FOR CURTAILMENT:**

Curtailments may be requested for operational or economic reasons. Operational curtailments may occur when any physical operating parameter(s) approaches a constraint on the generation, transmission or distribution systems or to maintain the Company's capacity margin requirement.. Economic reasons may include any occasion when the marginal cost to produce or procure energy or the price to sell the energy in the wholesale market is greater than a Customer's retail price.

#### CONTRACT TERM:

Initial contracts will be for a period of three years, terminable thereafter on 90 days written notice. At the end of the initial term, the thermostat becomes the Participant's property; however, so long as the contract is in force, the Company will provide maintenance and repair to the programmable thermostat as may be required due to normal use. The Company may retain ownership of Company supplied control equipment after the initial term. If the Participant leaves the Program prior to the end of the initial contract, the Company will have 60 days thereafter to remove the thermostat and/or other control equipment; otherwise, it becomes the Participant's property.

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Chris B. Giles Vice-President DATE EFFECTIVE:

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			$\boxtimes$	Revised		
				For N	dissouri Retail Servic	ce Area

#### LOW-INCOME WEATHERIZATION Schedule LIW

#### PURPOSE:

This voluntary Program is intended to assist residential Customers in reducing their energy usage by weatherizing the homes of qualified Customers. The Company's participation in this Program is limited to the funds set forth in the "Affordability" section of Appendix C of the Stipulation and Agreement approved by the Missouri Public Service Commission (Commission) in Case No. EO-2005-0329 for Low-Income Weatherization.

#### **AVAILABILITY:**

This Program is available to any Customer currently receiving service under any generally available residential rate schedule for a minimum of one year prior to completion of an application for weatherization assistance and who also meets the additional Customer eligibility requirements defined in the agreement between the Company and KCMO or the Social Service Agency.

#### PROGRAM ADMINISTRATION:

The Program will be administrated by the City of Kansas City, Missouri (KCMO) and other Missouri-based Social Service Agencies that are directly involved in qualifying and assisting Customers under this Program.

#### PROGRAM ADMINISTRATION COSTS:

Program funds cannot be used for administrative costs except those incurred by KCMO or the Social Service Agency that is directly related to qualifying and assisting Customers under this Program. The amount of reimbursable administrative costs per Program year shall not exceed 13% of the total Program funds that are utilized by KCMO or Social Service Agency within a Program year, as defined in the agreement between the Company and KCMO or the Social Service Agency.

#### PROGRAM GRANTS:

The total amount of grants offered to a qualifying Customer will be defined in the agreement between the Company and KCMO or the Social Service Agency using established criteria for Low-Income Weatherization. The average expenditure per customer in each program year shall not exceed the Adjusted Average Expenditure Limit for weatherization determined by the U.S. Department of Energy that is applicable for the month that the weatherization is completed.

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ISSUED BY: Curtis D. Blanc

Sr. Director

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					issouri Retail Servic	e Area

## LOW-INCOME WEATHERIZATION Schedule LIW

(Continued)

#### **CUSTOMER ELIGIBILITY:**

KCMO or the Social Service Agency will select Customers eligible for Low-Income Weatherization using the following criteria: The Customer's household earnings meet the low income guidelines for weatherization specified by the Department of Energy (DOE) for the number of persons in the residence, the residence must have energy consumption greater than 3,000 kWh per year, the Customer has received electric service from the Company for a minimum of one year prior to completion of an application, and other eligibility requirements defined in the agreement between the Company and KCMO or the Social Service Agency.

#### **PROGRAM REPORTING:**

The Company, with the assistance from KCMO and all other Social Service Agencies that administrate the Program, will submit a report on the Program to the Commission Staff, the Office of the Public Counsel and the Department of Natural Resources Energy Center on or before April 16, 2006 and on the same date for each succeeding year in which the Program continues. Each report will address the progress of the Program, and provide an accounting of the funds received and spent on the Program during the preceding calendar year. The report will include the following information with breakdowns for each of the participating Social Agencies:

- a: Program funds provided by Company;
- b: Amount of program funds, if any, rolled over from previous year;
- c: Amount of administrative funds retained by the Social Service Agency:
- d: Number of weatherization jobs completed and total cost (excluding administrative funds) of jobs completed; and
- e: Number of weatherization jobs "in progress" at the end of the calendar year.

The report shall be subject to audit by the Commission Staff and Public Counsel.

#### **PROGRAM FUNDING:**

To the extent the funds set forth in Appendix C for the Low-Income Weatherization Program exceeds the total cost expended on the Program, the amount of excess shall be "rolled over" to be utilized for the weatherization Program in the succeeding year. After five years from the effective date of the Low-Income Weatherization Program, if there is excess funding the amount shall be available for other Affordability programs.

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Sr. Director

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1201 Walnut, Kansas City, Mo. 64106

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Cancelling P.S.C. MO. No.			Original Revised	Sheet No.	
			For <u></u>	Missouri Retail Service A	теа

# LOW-INCOME WEATHERIZATION – Variance Schedule LIWV

#### PURPOSE:

This Variance (Variance) to the KCP&L Low Income Weatherization (LIW) (Sheet Nos. 43H-43I) is intended to enhance weatherization of qualified Customers' homes and subsequently reduce their energy usage. This Variance will assist the City of Kansas City, Missouri (KCMO) and the Local Social Service Agencies (Agencies) to carry out the LIW in accordance with the Federal American Recovery and Reinvestment Act (ARRA) of 2009. The ARRA enhances the Low Income Weatherization Assistance Program (LIWAP) administered by the U.S. Department of Energy (DOE) through the Missouri Department of Natural Resources (DNR), Energy Center (EC). The ARRA greatly expands the Federal funding available to LIWAP and increases the average expenditure to weatherize a home. This Variance will allow LIWAP Agencies to redirect funds allocated for 2009 LIW weatherization funds as specified in **DESCRIPTION**.

The Company's participation in the LIW is limited to the funds set forth in the "Affordability" section of Appendix C of the Stipulation and Agreement approved by the Missouri Public Service Commission (Commission) in Case No. EO-2005-0329 for Low-Income Weatherization. Funds spent using this Variance will be considered as funds spent for the LIW.

#### **DEFINITIONS:**

LIW - KCP&L Low Income Weatherization described in Tariff Sheet Nos. 43H and 43I.

LIWAP – Low Income Weatherization Assistance Program (LIWAP) administered by the U.S. Department of Energy (DOE) through the Missouri Department of Natural Resources (DNR), Energy Center (EC)

Agency – The Local Social Service Agency that is a DNR-EC subcontractor that provides the LIWAP in an area of the state.

#### **AVAILABILITY**:

Weatherization provided to eligible Customers will be enhanced beyond what is provided under the LIW as a result of the ARRA and this Variance.

#### ADMINISTRATION:

The LIW will continue to be administrated by the City of Kansas City, Missouri (KCMO) and the Agencies. The funding under the Variance is available to KCMO or the Agencies.

#### TERM:

This Variance starts on the effective date of this tariff and continues through December 31, 2009.

#### **DESCRIPTION:**

KCMO and Agencies that administer the LIWAP may use the Variance funds for expenditures as categorized below. Requests for payment must include notation of the appropriate category.

- 1. Equipment
  - a. Blower Door
  - b. Combustion Gas Detector
  - c. Carbon Monoxide/Combustion Gas Monitor

DATE OF ISSUE:

March 31, 2009

DATE EFFECTIVE: A

April 30, 2009

ISSUED BY:

Chris Giles Vice-President 1201 Walnut, Kansas City, Mo. 64106

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Service Commission
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P.S.C. MO. No.	 	Original Revised	Sheet No. <u>431.2</u>		
Cancelling P.S.C. MO. No.	 	Original Revised	Sheet No		
		For Miss	Missouri Retail Service Area		

#### LOW-INCOME WEATHERIZATION - Variance Schedule LIWV (Continued)

#### **DESCRIPTION: (continued):**

- d. Infrared Camera
- e. Vehicles/Trailers
- f. Insulation Blowers
- g. Hand Tools
- II. Workforce
- III. Training
  - a. Basic Weatherization
  - b. Building Performance Institute Training
  - c. Whole House Protocol
  - d. Lead Safe
- IV. Administration
  - a. Administrative Support Staff
  - b. Office equipment
  - c. Office furniture
- V. Space Needs
  - a. Office Space
  - b. Storage Space
- VI. Outreach to eligible Customers

The Company will review each request for payment for appropriateness and reasonableness.

#### **FUNDING:**

The total amount of the Variance funds will be defined in the agreement between the Company and KCMO or the Company and the Agency and will not exceed the weatherization allocation for 2009.

Roll-over grants under the current LIW will remain available to KCMO and the Agencies under the guidance of the LIWAP, Schedule LIW, Tariff Sheet Nos. 43H and 43I.

#### REPORTING AND EVALUATION:

KCMO and the Agencies that administer funds under the Variance, will submit a monthly report(s) to KCP&L and EC. Each report will provide an accounting of the funds received and spent monthly during the Variance term. The report will include the following information with breakdowns for each of the Agencies:

- a: Funds provided by the Company and spent on each of the categories defined above;
- b: Homes weatherized for the Company's customers;
- c: Number of weatherization jobs completed; and
- d: Number of weatherization jobs "in progress" at the end of the Variance.

At the end of the Variance Term the Company and EC will provide a report to the Missouri Public Service Commission Staff (Staff) and the Office of the Public Council (OPC) that will summarize and evaluate the effect of the Variance. The reports shall be subject to audit by the Staff and OPC.

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ISSUED BY:

Chris Giles Vice-President 1201 Walnut, Kansas City, Mo. 64106

Missouri Public Service Commission JE-2009-0705



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Cancelling P.S.C. MO. No.			Original Revised	Sheet No.	
			For Missouri Retail Service Area		

## ONLINE ENERGY INFORMATION Schedule OEI

#### **PURPOSE:**

This Program allows all residential customers with access to the Internet to retrieve their billing information, make comparisons of electric usage on a monthly or yearly basis, analyze electric usage on an end use basis, and research energy savings by end use through a searchable resource center. Customers can also compare their bills to analyze changes from one month to another. Residential customers can also compare their home to a similar home in terms of average energy usage using the Energy Guide label concept. This Program is set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

#### **AVAILABILITY:**

This Program is available to any Customer currently receiving service under any generally available residential rate schedule. Company may limit the number of participants.

DATE OF ISSUE:

November 21, 2005

ISSUED BY: Chris Giles

Vice-President

DATE EFFECTIVE:

December 21, 2005

K
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## ONLINE ENERGY INFORMATION Schedule OEIC

#### **PURPOSE:**

This Program allows customers served with respect to this tariff to access their billing information and a searchable resource center in order to make comparisons of their electric usage from one month to another and to that of a similar business in terms of average annual energy usage. Information is also available on typical electric usage on an end-use basis and the opportunities for energy savings by installing energy efficient heating, cooling, lighting and other and other electrical equipment. This Program is set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

#### **AVAILABILITY:**

This Program is available to any of the Company's customers served under SGS, MGS, LGS, LPS, SGA, MGA, LGA, or TPP rate schedules that have access to the Internet.

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ISSUED BY: Chris Giles

Vice-President

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				For Misso	uri Retail Servic	e Area

# ENERGY AUDIT AND ENERGY SAVING MEASURES RIDER Schedule ER

#### **PURPOSE:**

The Kansas City Power & Light Company's (Company) Energy Audit Program and Energy Saving Measures Program (Programs) are designed to encourage more effective utilization of electric energy through energy efficiency improvements in the building shell, installation of efficient electrical equipment in new construction, or the replacement of inefficient electrical equipment with efficient electrical equipment. The Programs provide rebates for an energy audit and subsequent improvements in the energy efficiency of the building space and/or equipment.

These Programs are set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

#### **AVAILABILITY:**

These Programs are available to any of the Company's customers served under SGS, MGS, LGS, LPS, SGA, MGA, LGA, or TPP rate schedules. The total amount of all rebates shall not exceed the funds for the Energy Audit Program and Energy Saving Measures Program set forth in Appendix C of the Stipulation and Agreement. These Programs will terminate five (5) years after the original effective date of these tariff sheets. All rebates will be distributed by the Company. Customer applications will be evaluated and the rebates will be distributed on a first-come basis according to the date of the customer's application.

# TERMS:

Energy Audit Program: This Program provides a rebate for an energy audit. To become a Participant in the Energy Audit Program and receive a rebate for an energy audit the customer must have an energy audit performed by a Company approved commercial energy auditor, implement at least one of the audit recommendations and submit an application form through the Company's website (<a href="www.kcpl.com">www.kcpl.com</a>) or on paper. The recommendation implemented must qualify for the Energy Saving Measures Program below. The rebate amount will be 50% of the audit cost up to \$300 for Participants with facilities less than 25,000 square feet. For Participants with facilities greater than 25,000 square feet, the rebate amount will be 50% of the audit cost up to \$500. Entities with multiple facilities may apply to become Participants and receive multiple audit rebates subject to Program limitations.

Energy Saving Measures Program: This Program provides a rebate for installing qualifying higher energy efficiency equipment or systems, or replacing or retrofitting HVAC systems, motors, lighting, pumps or other qualifying equipment or systems with higher energy efficiency equipment or systems. Both new construction projects and retrofit projects are eligible to apply. To become a Participant in the Energy Saving Measures Program customers must request a rebate for an energy saving measures project by submitting an application through the Company's website (<a href="www.kcpl.com">www.kcpl.com</a>) or on paper. Rebates can be for either new construction or retrofit projects.

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Sr. Director

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				For Miss	ouri Retail Servic	e Area

# ENERGY AUDIT AND ENERGY SAVING MEASURES REBATE RIDER Schedule ER (Continued)

Energy Saving Measures Program: (continued)

The total amount of Program rebates that a Participant can receive during a Program year is limited based upon each facility rate schedule. Rebate applications for different energy saving measures at the same facility may be submitted. An entity with multiple facilities may participate for each facility by submitting an application for each facility. The maximum amount of each rebate will be calculated as the lesser of the buy down to a two-year payback, 50% of the incremental cost of the higher efficiency equipment, system, or energy saving measure, or the customer annual maximum rebate for the appropriate rate schedule detailed below. The rebate for the measure and/or audit will be issued upon completion of the project.

SGS or SGA rates – Retrofit Project: customer total \$ 7,299 New Construction: customer total \$ 9,124

MGS or MGA rates – Retrofit Project: customer total \$11,853 New Construction: customer total \$14,816

LGS or LGA rates – Retrofit Project: customer total \$41,821 New Construction: customer total \$52,276

After the Company reviews projects approved and/or paid during the first six months of a Program year, the Company may approve application for additional rebates if the Program funds are available.

The total dollar amount of Energy Audit and Energy Savings Measures rebates and expenses during the five (5) years of the Program is estimated to be:

SGS or SGA rates - \$881,014 MGS or MGA rates - \$1,453,673

LGS or LGA rates - \$2,070,382

### **FUNDING:**

At the end of the fifth year any remaining excess of funds set forth above shall be made available for other energy efficiency programs. Projects that have been approved may be scheduled in the succeeding Program year but not beyond the end of the fifth year of the Programs.

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				For	Missouri Retail Service Area	

# BUILDING OPERATOR CERTIFICATION PROGRAM Schedule BOC

### PURPOSE:

This voluntary program is designed to establish and encourage Building Operator Certification through the Northwest Energy Efficiency Council's Building Operator Certification Level 1 and Level 2 curriculums. In support of partnerships with the Missouri Department of Natural Resources Energy Center (MDNR) and the Midwest Energy Efficiency Alliance (MEEA), KCP&L will:

- Reimburse the annual cost to license the Level 1 and Level 2 curriculums for KCP&L's Missouri service territory.
- Reimburse portions of the tuition costs for Building Operators associated with properties in KCP&L's service area who successfully complete the certifications.

KCP&L's participation in this Program was set forth in Appendix C, described in the "Energy Efficiency" section, of the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

#### **AVAILABILITY:**

The certification courses funded by this Program will be available through MDNR for any Building Operator employed by a company having at least one Missouri commercial property receiving electrical service from KCP&L.

Reimbursements for the successful completion of the certifications are available to any Building Operator associated with at least one Missouri commercial property receiving electrical service from KCP&L.

# PROGRAM ADMINISTRATION:

The Program will be administered by the Missouri Department of Natural Resources' Energy Center and the Midwest Energy Efficiency Alliance.

# PROGRAM COST:

KCP&L will reimburse the MDNR for the amount paid annually to license the Level 1 and Level 2 curriculums for the KCP&L area, currently \$25,000 per certification class (about 20 students per class).

Tuition reimbursements of \$575 per certification level will be paid to the sponsor or individual paying the tuition. To receive the reimbursement, qualified Building Operators must complete a reimbursement request and submit it to KCP&L. The reimbursement form is available by contacting KCP&L directly.

To the extent there are excess funds for a given year, the amount of excess shall be "rolled over" to be utilized for the Program in the succeeding year. After five years from the effective date of the Building Operator Certification Program, if there is excess funding, the amount shall be available for other KCP&L energy efficiency programs.

DATE OF ISSUE:

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DATE EFFECTIVE:

February 2, 2007

ISSUED BY:

Chris Giles Vice-President 1201 Walnut, Kansas City, Mo. 64106



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# **TERM OF PROGRAM:**

The term of this program will be five years from the effective date, pursuant to the terms defined in agreements with the MDNR and the MEEA.

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Vice-President

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Service Commission



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				For Missouri	Retail Service	e Area

# LOW-INCOME AFFORDABLE NEW HOMES Schedule ANH

#### **PURPOSE:**

This voluntary program is intended to provide incentives to builders of qualified new homes for low-income customers for the installation of Energy Star® rated lighting fixtures, Energy Star® rated refrigerators, high-efficiency central cooling equipment, and increased R-factor insulation in the home's attic, floor, or crawlspace. KCP&L's participation in this Program was set forth in Appendix C, described in the "Affordability" section, of the Stipulation and Agreement approved by the Missouri Public Service Commission in Case No. EO-2005-0329.

#### AVAILABILITY:

This Program is available to builders and developers of qualified new homes, within the KCP&L service territory, for persons having household earnings at or below the household earnings guideline for the applicable low income assistance program administered by the authorized government agency.

Generally, the guidelines for rental property assistance provide that household earnings be at or below 60% of the State median income for the area and the guidelines for home ownership assistance provide that household earnings be at or below 80% of the State median income for the area. The household earnings guidelines are subject to change by the authorized government agency.

#### PROGRAM ADMINISTRATION:

The Program will be administrated by KCP&L. Agreements will be established with builders or developers of qualified homes, who will then invoice KCP&L for incentives and will be paid up to \$100 per home for installing Energy Star® rated lighting fixtures, up to \$200 per home for installing an Energy Star® rated refrigerator, up to \$800 per home for installing high efficiency central cooling equipment (14 SEER or greater), and up to \$400 per home for upgrading to at least one of the following: R42 attic insulation, R25 floor insulation, or R19 crawlspace insulation. Proof of installation will be required prior to payment of incentives.

### **PROGRAM COST:**

The total expenditure for each year of the Program will be defined by KCP&L in accordance with Appendix C. Incentives will be provided at the defined rates until budgeted funds are expended for the year. To the extent there are excess funds for a given year, the amount of excess will be "rolled over" to be utilized for the Program in the succeeding year. After five years from the effective date of the Low-Income Affordable New Homes Program, budgeted funds not utilized will be available for other KCP&L affordability programs. Energy Star® rated recommendations are subject to change as Energy Star® standards are set by the administering federal agency.

### **TERM OF PROGRAM:**

The term of this Program will be five years from the effective date, pursuant to the terms defined in agreements with the builders.

### **EVALUATION:**

Impacts associated with this Program will be estimated based upon engineering analysis. If a control group can be identified, a billing analysis may be conducted after homes that have participated in the Program have been occupied for at least one full calendar year.

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Chris Giles

Vice-President

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				For _I	Missouri Retail Sen	/ice Area	
	cod	DL HOMES PROGRAM Schedule CHP	И		700		
PURPOSE:							
customers to h	es Program (CHP or Progra ave existing cooling systems ed), or replace less efficiends.	s evaluated and if fea	sible,	brought	back to factory sp	ecifications	
The intent of I Stipulation and (Stipulation & A	Kansas City Power & Light Agreement approved by the greement).	Company's participa Missouri Public Servi	ition ce C	in this F ommissio	Program was set for in Case No. EO	orth in the -2005-0329	
DEFINITIONS:							
Administrator –	The Program will be implem The Administrator will be res						
CheckMe!® –	A standard testing process developed by Proctor Engineering Group, Ltd. used by CHP HVAC Contractors to properly evaluate existing systems such as refrigerant charge and airflow. CheckMe! <sup>®</sup> will be used to determine if it is feasible to re-commission the system.						
EER –	Energy Efficiency Ratio, the pair of external and interna out by an air conditioning energy put in to it in kilowa Btu and the compressor, far 48,000 / 3,430 = 14.0.	I temperatures. Calcusystem, in British the tt (kW). If the air con	ulated rmal dition	I by divid units (Bi ning capa	ling the amount of tu), divided by the acity of a heat pum	cooling put amount of p is 48,000	
HVAC -	Heating, Ventilation, Air Cor	nditioning, equipment of	or peo	ople asso	ciated with equipm	ent.	
KCP&L -	Kansas City Power & Light,	the electric service pro	ovide				
Participant –	Any KCP&L customer receive who requests to be in the Co		gene	erally ava	ilable residential ra	te schedule	
CHP HVAC Co	ntractor – A properly licensed completes training	d HVAC contractor who courses conducted by				rogram and	
SEER –	Seasonal Energy Efficiency a range of expected ext geographical location for the simulated, typical cooling set the same period. The relaperformance is dependent of	ernal temperatures ( e SEER test). SEER eason divided by the to ationship between SEI	(i.e., ratin tal el ER a	the tem g is the lectric en nd EER	perature distributi Btu of cooling outp ergy input in watt-h is relative because	on for the out during a lours during equipment	
DATE OF ISSUE:	February 28, 2007	DATE E	FFE	CTIVE:	March 30, 2007		

ISSUED BY:

Chris Giles Vice-President 1201 Walnut, Kansas City, Mo. 64106

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		COOL HOMES PROGRAM Schedule CHP	١		(0	Continued)	

### AVAILABILITY:

This Program is available to any present KCP&L Customer receiving service under any generally available residential rate schedule.

The Program Vendor will identify and contact HVAC contractors associated with national brand networks or industry associations to recruit CHP HVAC Contractors. Other HVAC contractors wishing to become CHP HVAC Contractors may contact KCP&L directly for consideration. Prospective contractors will be required to complete training courses conducted by the Program Vendor.

### PROGRAM PROCESS:

Prospective Participants will be identified in three ways:

- Customer electric usage data will be evaluated to identify Customers with a high probability of operating less efficient central air conditioning equipment.
- Participating CHP HVAC contractors may identify any of their existing customers suitable for the Program.
- Customers interested in the program, but not identified through the above means may contact a
  participating CHP HVAC contractor or KCP&L directly. A listing of participating CHP HVAC
  contractors will be posted on the KCP&L website.

The following general process will be followed to serve Participants in the Program:

- The Program Vendor will assign Participants to a CHP HVAC Contractor for service.
- The CHP HVAC Contractor will evaluate the Customer's cooling system using CheckMe!
- Participants with equipment that can be re-commissioned to operate above an EER rating of 8.0 will
  be offered an opportunity to return the equipment as close as possible to manufacturer specifications
  at no cost to the customer. All Participants will receive a recommendation for replacement of their
  system with a higher efficiency system. The Participants will be responsible for the cost of the
  replacement equipment less the applicable incentives.
- · The Participant can choose not to re-commission or replace their equipment.
- Four Compact Florescent Lights will be given to all Participants completing the initial CheckMe!<sup>®</sup> process regardless of their equipment choices.
- Where work is performed, a second CheckMe!<sup>®</sup> evaluation will be completed to verify the recommissioning modifications or ensure the quality installation of new equipment.
- Providing incentives to Participants through CHP HVAC Contractors to help offset equipment costs and provide for quality installation practices.

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March 30, 2007

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Chris Giles Vice-President 1201 Walnut, Kansas City, Mo. 64106

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Missouri Public

Service Commission

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		COOL HOMES PROGRAM Schedule CHP			(Continued)	
				For _N	Aissouri Retail Service Area	
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P.S.C. MO. No.	7	Original	$\boxtimes$	Original Revised		

# PROGRAM ADMINISTRATION:

The Program will be implemented by the Administrator. The Administrator will be responsible for market research, participant identification, advertising, training, incentive processing, and status reporting associated with the Program. KCP&L will maintain oversight of the Program through monthly, quarterly, and yearly status reports and meetings with the Administrator.

#### PROGRAM COST:

Program related services and incentives will be paid initially by the Administrator and will then be billed to KCP&L on a per unit basis. Unit pricing is defined in agreements with the Administrator. Incentive amounts of \$650 per unit for installation of SEER 14.0 or 15.0 rated equipment and \$850 per unit for installation of SEER 16.0 or above rated equipment will be paid to the CHP HVAC Contractor. The CHP HVAC contractor will pass the equipment incentive to the Participant in the form of an itemized credit on the transaction documents. Similarly, if re-commissioning is feasible the entire cost will be paid by KCP&L through the Administrator to the CHP HVAC contractor.

The total expenditure for each year of the Program is defined by KCP&L in accordance with the Stipulation and Agreement and is estimated to be:

	2007	2008	2009	2010	2011	Total
Program	\$1,805,746	\$1,856,768	\$1,984,321	\$1,963,451	\$2,019,205	\$9,629,491
MO (51.5%)	\$929,959	\$ 956,236	\$1,021,925	\$1,011,177	\$1,039,891	\$4,959,188

Missouri expenditures are not to exceed a maximum of \$4,959,188 over the 5-year pilot program timeframe. Payments will be provided until budgeted funds are expended for the year. To the extent there are excess funds for a given year, the amount of excess shall be "rolled over" to be utilized for the Program in the succeeding year.

# **TERM OF PROGRAM:**

The term of this Program will be five years from the effective date of CHP tariff sheets, pursuant to the terms defined in agreements with the Administrator.

# **EVALUATION:**

Program evaluation will be conducted by a third party and will include random on-site inspections, engineering analysis, and process and impact analysis. Spot metering and run-time data will also be collected to verify the connected load and full load hour estimates in the engineering analysis along with pre-post billing analysis. The evaluation will also include a non-participant group. Upon approval, a detailed evaluation plan will be developed.

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# Home Performance with ENERGY STAR® Schedule HP

#### **PURPOSE:**

This voluntary Home Performance with ENERGY STAR® (HPwES) Program is intended to encourage residential Customers to identify and implement measures that can be applied to their home to improve energy efficiency and comfort while helping to protect the environment by conducting a HPwES designed comprehensive home audit (Audit).

The Company may partner with a Program Administrator to implement the Program. The Company's participation in this Program was set forth in the Stipulation and Agreement approved by the Missouri Public Service Commission (Commission) in Case No. EO-2005-0329 (Stipulation and Agreement).

# **DEFINITIONS:**

Audit – An energy evaluation of the home that includes observation of lighting and

appliances as well as performance testing of the ventilation and mechanical systems, building tightness and insulation levels that will result in a scope of work outlining recommended energy efficiency measures. All measures performed will be verified after

completion.

Consultant – Third party companies certified to perform the HPwES Audit and provide a scope of work

to the Customer detailing the recommended measures.

Contractor – Third party companies certified to perform the HPwES Audit, provide a

scope of work to the Customer detailing the recommended measures and complete the

implementation of the specified measures.

HPwES – A national program from the U.S. Environmental Protection Agency (EPA) and U.S.

Department of Energy (DOE) that offers a comprehensive, whole-house approach to improving energy efficiency and comfort at home, while helping to protect the environment. The HPwES state sponsor is the Missouri Department of Natural Resources Energy Center (MDNR) and the Company partners with the MDNR to implement the

national program locally.

Program

Administrator – The Program may be implemented by a third-party vendor specializing in programs of this

type.

Qualifying

Improvements - Energy efficient building envelope changes applied to the home, which may include

eliminating air leaks, adding insulation, sealing ductwork, and/or replacing windows and

doors.

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ISSUED BY: Curtis D. Blanc, Sr. Director Kansas City, Mo. 64105

Missouri Public Service Commission JE-2011-0318



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				For Mis	souri Retail Servi	ce Area

# Home Performance with ENERGY STAR® Schedule HP

(continued)

## **AVAILABILITY:**

This Program may be applied to any home, multiplex, or apartment where the current resident is receiving service under any generally available residential rate schedule offered by the Company. All Audits must be requested by the owner of the home, multiplex, or apartment. Tenant agreement, as applicable, is required. Program rebates are limited to one rebate per Audit. The Company reserves the right to modify or terminate this Program at any time, subject to Commission approval.

#### PROGRAM PROCESS:

Customers who participate in the Program must participate in a comprehensive pre- and post- home energy Audit from an approved and certified Contractor/Consultant. This process may be facilitated and quality checked by a third party Program Administrator on behalf of the Company in accordance with established Program guidelines. Participating customers who complete the Audit process and implement at least one Qualifying Improvement listed on their final Audit report are eligible for up to \$600 in reimbursement from the Company per Audit.

#### PROGRAM ADMINISTRATION:

The Program may be administered by a Program Administrator. The Program Administrator will be responsible for managing the process and flow of the local HPwES Program. This may include Contractor/Consultant recruiting, training and certification, management of the lead generation process, comprehensive home audit education for Customers, quality assurance, and other services contracted. The Program Administrator is responsible for oversight of the Contractor/Consultants and will be responsible for resolving any reported Customer complaints.

#### **EVALUATION:**

The Company will provide an evaluation of the Program in 2011. The evaluation will include a billing analysis comparison between participating Customers and a control group.

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# Home Performance with ENERGY STAR® Schedule HP

(continued)

### **QUALIFYING IMPROVEMENTS:**

A Customer may receive a rebate of up to \$600 for the following Qualifying Improvements:

Measure	Criteria	Rebate Calculation and/or Eligible Maximum Rebate		
Audit				
Audit – Single Family	Single family home or attached units of two.	Rebate is \$200 per unit.		
Audit – Multi-Family	Attached units of three or more.	Rebate is \$100 per unit.		
Insulation				
Attic –	Existing insulation is less than R-27.	\$0.02 X R-Value Added (up to R-49) X Sq. Footage		
Customer must insulate to a minimum value of R-38.		Rebate not to exceed \$250.		
No rebate will be provided to increase existing insulation that is greater than R-40.	Existing insulation is between R-28 and R-40.	\$0.01 X R-Value Added (up to R-49) X Sq. Footage		
to greater attended		Rebate not to exceed \$250.		
Walls	Rebate will be provided for insulation installed up to R-19.	\$0.03 X R-Value Added X Sq. Footage		
		Rebate not to exceed \$300.		
Floors	Rebate will be provided for insulation installed up to R-19.	\$0.01 X R-Value Added X Sq. Footage		
		Rebate not to exceed \$200.		
Air Infiltration and Duct Sealing	1			
Air Sealing	\$5 per each % of CFM50 reduction up to 40%. Minimum starting reduction is 10%.	Rebate not to exceed \$200.  No incentive less than 10%		
Reduction in air leakage to the outside.	CFM50 airflow (in Cubic Feet per Minute) needed to create a change in building pressure of 50 Pascals. CFM50 is the most commonly used measure of building air tightness.	reduction.		
Duct Sealing	\$2.50 per each % of CFM25 reduction up to 40%. Minimum starting reduction is 10%.	Rebate not to exceed \$100.  No incentive less than 10%		
	For these tests the registers are covered and a fan flowmeter is attached to the duct system to pressurize it. The flow is measured at a reference pressure of 25 Pa and is referred to as cfm25.	reduction.		
Windows and Doors				
Windows and Doors	ENERGY STAR qualified and U-Factor <=.30 and SHGC <= .30	Rebate is \$100 per window or door up to 2 windows or doors or \$200.		

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KANSAS CITY	POWER	& LIGHT COMPA	NY				
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				For Miss	ouri Retail Servi	ce Area	
PURPOSE:		ENERGY STAR <sup>®</sup> Nev Schedule Ni					
FURFUSE.							
new homes built in efficient constructio heating and cooling (EPA) through the E 20–30% more energent of the Company's particular to the second secon	the resident on techniques of systems) in a ENERGY STA gy efficient tha rticipation in the	his Program was set forth	Greater end oducts (win s set by the under the E in the Stipu	ergy efficience dows, doors U.S. Envirore NERGY STA	y is achieved by appliances, lighter appliances, lighter application and approvement approverse approverse approvement approxement approxement approvement approxement approxe	y applying hting, and on Agency re typically wed by the	
Missouri Public Serv	vice Commiss	sion (Commission) in Case	No. EO-200	05-0329 (Stip	ulation and Agre	ement).	
DEFINITIONS:							
Builder –	Companies or individuals in the business of constructing new, residential homes within the Company's service territory.						
HERS Index -	The Home Energy Rating System (HERS) Index is a scoring system established by the Residential Energy Services Network. In that system homes are given a score indicating their relative level of energy efficiency:  • homes built to the specifications of the HERS Reference Home, based on the 2006 International Energy Conservation Code (IECC), score a HERS Index of 100,  • homes that produce as much energy as they consume in a year, achieving net zero energy consumption, score a HERS Index of 0 and  • homes that do not meet the 2006 IECC would have a HERS Index greater than 100.  The lower a home's HERS Index, the more energy efficient it is in comparison to the HERS Reference Home. Each 1-point decrease in the HERS Index corresponds to a 1% reduction in energy consumption compared to the HERS Reference Home. Residential Energy Services Network is a non-profit corporation recognized by the EPA as a national standards making body for building energy efficiency rating systems. The International Energy Conservation Code is a model energy building code produced by the International Code Council® providing minimum energy efficiency provisions for residential and commercial buildings.						
HERS Rater –		ertified by the Residential produce accurate and fair			rk, in accordanc	ce with its	

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Sr. Director

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				For Mis	souri Retail Servic	e Area

# ENERGY STAR® New Homes Schedule NH

(continued)

# **DEFINITIONS** (continued):

Homes -

Newly constructed residential structures three stories or less including site constructed homes, attached or detached homes, single or low-rise multi-family residential buildings, system-built homes (structural insulated panels or modular) and log homes.

Units in four- and five-story multi-family buildings may qualify for ENERGY STAR if: 1) The structure is permitted as residential by the local building department; and 2) each residential unit has its own heating, cooling, and hot water systems, separate from other units. The phrase, "permitted as residential structures," is intended to represent units that either fall within the scope of the residential building energy code or are permitted as having a residential use-group, even under conditions where the commercial building energy code applies.

#### **AVAILABILITY:**

The training, rating and incentive elements of the Program are available to Builders constructing Homes within the Company's service territory. The Company reserves the right to modify or terminate this Program at any time, subject to Commission approval.

### **PROGRAM PROCESS:**

- 1. The Company will complete the necessary requirements to obtain *Partner* status with ENERGY STAR® to promote the ESNH Program regionally. *Partner* status will provide the Company access to technical information and tools needed to promote and sponsor the Program.
- 2. The Company will work with Builders in the Company's service territory to help them achieve *Partner* status with ENERGY STAR® under the ESNH Program. *Partner* status for Builders will provide access to technical information and tools needed to comply with the Program and the terms associated with displaying the ENERGY STAR® qualification.
- As necessary, the Company will expand the availability of certified HERS Raters within the Company's service territory. The HERS program will be used to provide independent, third party verification of ESNH construction.
- 4. Builders will construct Homes according to one of the following agreement structures:
  - a. Performance agreement In this structure, Builders submit construction plans for analysis prior to construction. Using standardized software, the analysis will yield a HERS Index rating. Homes built to the specifications of construction plans analyzed to have an index of 85 or below will qualify for ENERGY STAR® rating.
  - b. <u>Prescriptive agreement</u> In this structure, Builders apply specific energy efficiency measures, predefined by ENERGY STAR® and available through its website, to a Home. The measures include high efficiency heating and cooling equipment, ductwork, windows, water heating, lighting, and appliances. Where applicable, ENERGY STAR® rated equipment is specified.
- 5. For single Homes, the Builder will retain a HERS Rater to complete onsite inspections. Inspections will occur twice, once during the construction and once following completion of the Home to verify compliance with ENERGY STAR® requirements. Inspection costs of up to \$750 per Home will be paid by the Company.

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				For Missou	uri Retail Service	e Area

# ENERGY STAR® New Homes Schedule NH

(continued)

# PROGRAM PROCESS (continued):

- 6. For Homes that achieve ENERGY STAR® qualification, Builders may request a rebate of \$800 per Home toward the incremental cost of meeting ENERGY STAR® requirements. The annual maximum rebate for each builder or for each development is \$500,000. After the Company reviews projects paid during the first six months of a Program year, the Company may approve application for additional rebates if the Program funds are available. The rebate request form is available from the Company.
- 7. The Company will promote the Program to residential Customers through mediums that may include press releases, direct mailings, bill messages, bill inserts, trade ally communications, and web site materials.
- 8. The Company will obtain ENERGY STAR® materials and establish a clearinghouse of training materials, marketing resources and tools that can be used by Builders and the Company to implement and promote the Program.

#### PROGRAM ADMINISTRATION:

The Program will be administered by the Company in compliance with terms established by ENERGY STAR®.

# **PROGRAM COST:**

The total expenditure for each year of the Program is estimated to be:

	2008	2009	2010	2011	2012	Total
Program	\$80,000	\$920,000	\$1,735,000	\$1,685,000	\$1,685,000	\$6,105,000
MO (51.5%)	\$41,200	\$473,800	\$893,525	\$867,775	\$867,775	\$3,144,075

These amounts will provide for incentive payments, ratings, marketing costs, evaluation cost, and Company administrative costs. Payments will be provided until the budgeted funds for the total Program are expended. To the extent there are excess funds for a given year, the amount of excess shall be "rolled over" to be utilized for the Program in the succeeding year.

#### **EVALUATION:**

The Company will provide to the Commission Staff an evaluation of the Program approximately thirty months after implementation. The evaluation will include a billing analysis comparison between participating Customers and a control group.

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